

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR ACCESS TO AN APPLICATION UNDER 37 CFR 1.14(e)

Received

SEP 12 2002

Technology Center 2100

In re Application of

HSU

Application Number

09/477226

Filed

1-4-00

Art Unit

Examiner

Paper No. 4Assistant Commissioner for Patents
Washington, DC 20231

1. I hereby request access under 37 CFR 1.14(e)(2) to the application file record of the above-identified ABANDONED Application, which is not within the file jacket of a pending Continued Prosecution Application (CPA) (37 CFR 1.53(d)) and is: (CHECK ONE)

 (A) referred to in:United States Patent Application Publication No. 6374679, page , line ,United States Patent Number , column , line , or

an International Application which was filed on or after November 29, 2000 and which

designates the United States, WIPO Pub. No. , page , line .

(B) referred to in an application that is open to public inspection as set forth in 37 CFR 1.11(b) or 1.14(e)(2)(i), i.e., Application No. , paper No. , page , line .

2. I hereby request access under 37 CFR 1.14(e)(1) to an application in which the applicant has filed an authorization to lay open the complete application to the public.

Hendrickson

Signature

9-9-02

Date

HENDRICK TRON

Typed or printed name

FOR PTO USE ONLY

Approved by: _____ (initials)

Unit: _____



US006374079B1

(12) United States Patent
Hsu(10) Patent No.: US 6,374,079 B1
(45) Date of Patent: Apr. 16, 2002(54) MODULAR RF COMMUNICATION MODULE
FOR AUTOMATED HOME AND VEHICLE
SYSTEMS

(75) Inventor: George Hsu, Santa Rosa, CA (US)

(73) Assignee: PNI Corporation, Santa Rosa, CA
(US)(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(21) Appl. No.: 09/569,746

(22) Filed: May 11, 2000

Related U.S. Application Data

(63) Continuation-in-part of application No. 09/477,226, filed on
Jan. 4, 2000.(51) Int. Cl.⁷ H04B 1/38(52) U.S. Cl. 455/11.1; 455/507; 455/88;
455/557; 455/423(58) Field of Search 455/11.1, 15, 19,
455/426, 507, 557, 88, 69, 70, 560, 561,
562, 575, 422, 423(56) References Cited
U.S. PATENT DOCUMENTS4,972,432 A * 11/1990 Wilson et al. 455/88
5,511,232 A * 4/1996 O'Dea et al. 455/88
5,907,580 A * 5/1999 Cummings 455/88
6,157,818 A * 12/2000 Rode 455/11.1

* cited by examiner

Primary Examiner—Lester G. Kincaid

(74) Attorney, Agent, or Firm—Donald R. Boys; Central
Coast Patent Agency, Inc.

(57) ABSTRACT

A RF communication module for enabling RF data communication in a wireless communication system is provided. The communication module comprises, a transmitter/receive circuitry for transmitting and receiving data, a RF chipset and microcontroller for enabling and controlling various functions of the RF communication module, an antennae circuitry for enabling function of the transmitter/receive circuitry and a data port for enabling serial communication between the RF module and connected components of a host device, characterized in that the RF communication module functions as a slave module or a controlling module dependent on the host device.

10 Claims, 11 Drawing Sheets

